DWARF FRUIT TREES

Their History and Culture

Dwarf fruit trees have been grown in Europe for hundreds of years and are fast becoming well known in our country. They were developed because of the small acreages and very limited growing space in those highly populated countries.

Out of a great number of rootstocks tested by leading horticulturists from England, Belgium and Holland, there were 16 distinct varieties selected to be true strains that would produce dwarf apple trees of various sizes, satisfactorily. Of the 16 selected there are two recognized to be superior to the others for various reasons.

Apple Trees on East Malling rootstock IX will grow to 6-8 feet at maturity under average conditions. E. M. VII is considered to be the best apple rootstock for general garden use, since it has a strong root system and will produce a dwarf tree of 8-10 feet at maturity. Please keep in mind that East Malling is not a fruiting variety but is the rootstock on which regular apples are grown and which governs the size of the tree. Also there will be some variation in size of tree according to variety and local soil conditions, along with care given to each individual tree.

Dwarf trees will usually make a strong growth the first 2-3 years after which time growth will slow down and heavy fruiting will take place.

PLEASE NOTE—We cannot guarantee exactly when your dwarf tree will bear fruit since adverse weather conditions at blooming time may result in blossoms being injured or not properly pollenated. Under favorable conditions it is not unusual to harvest fruit the second year after planting on some varieties.

Proper pruning is beneficial and will aid in setting of fruit. Summer pruning has proven to result in tree setting more fruit spurs than dormant winter pruning. Dormant pruning stimulates wood growth but not especially fruiting spur wood. Summer pruning—example—when new top limb growth has reached 24-30" cut back the terminal growth 3". This will cause excessive wood growth to stop for a period of 3-4 weeks and energy of tree will be directed to smaller limbs which are the fruiting limbs of your tree, resulting in development of blooming wood for the following year. Summer pruning should be done less as tree develops larger and fruiting takes place. You will have some thinning of inside limbs to do. Leave sufficient number of spaced short knobby appearing limbs. These are your fruiting wood. After a period of 3-4 years, you will be harvesting fruit over the entire tree and more thinning of inside and cross limbs should be done. Excessive severe pruning will result in abnormal top growth but cut down on quantity of fruit.

CARE IN PLANTING DWARF FRUIT TREES—The graft union should never be planted below ground surface. If this takes place your dwarf fruit tree will cease to be dwarf since it will be fed by roots other than those intended.

Graft should be made sufficiently above the natural ground level to enable planter to place top layer of roots 2-3 inches below soil surface. It is advisable to set a stake with all dwarf fruit trees at time of planting. This will keep tree from swaying with wind and allow roots to develop and establish rooting close to soil surface. Stakes may be removed after 3 years growth.

BEWARE of any but GENUINE DWARF TREES on TRUE DWARF ROOTSTOCKS

GENUINE DWARF TREES

An ideal tree for the small yard, growing only about 10 ft, at maturity, but producing an abundance of **full size**, deliciously flavored fruit at a very early age. Fun to grow—Easy to pick.

POSTPAID PRICES—Dwarf trees listed on page 2 and 3.

Age	Height	Caliper	Each	Each 3 or more
3 Year	4 to 5 ft. (Choice Heav	11/16" to 1" ry Branched Trees)	\$4.95	\$4.65
2 Year	3 to 4 ft. (Uniform Med	9/16" to 11/16" dium Branched Trees)	3.95	3.70
2 Year	$2\frac{1}{2}$ to 4 ft. (Light Branch	7/16" to 9/16" ned Trees)	2.95	2.75

All Tree Fruits Listed in Order of Ripening

GENUINE DWARF APPLE TREES

Prices above—Available in all ages and sizes.

YELLOW TRANSPARENT—Very early sauce and pie apple. A waxen golden yellow fruit. Flesh is crisp, white and juicy. Pleasant sweet taste.

EARLY RED McINTOSH—A beautiful bright crimson apple with snowwhite flesh. Tender, juicy and deliciously flavored. Very hardy tree.

GRAVENSTEIN—An old favorite early apple, especially favored for green-apple pies. Orange-yellow skin striped red. Fruit is large, round, crisp and juicy.

RED GRAVENSTEIN—An all red Gravenstein apple. Flesh is white and very juicy with an excellent flavor.

KING—A large waxy yellow-green apple with red striping. An excellent dessert and baking apple, which keeps well into the fall.

NORTHERN SPY—Fine large red-striped tender, mild, juicy apple, excellent eating or cocking.

DOUBLE RED DELICIOUS—One of the most popular of all red apples. Extra large 5-knob red apples, sweet flavored and preferred for eating. Good keeping qualities, and tree is hardy everywhere.

YELLOW DELICIOUS—Beautiful, glossy, golden-yellow fruit. Crisp, firm, creamy yellow flesh, tangy flavor. One of the finest apples, good keeper

RED WEALTHY—A full rich red color. The flesh is white. Fruit is very juicy and has a delicious flavor. A fine winter keeper.

DARK RED JONATHAN—An improved strain with all the Jonathan excellence and deeper, richer coloring. One of the finest eating apples. Crisp, juicy, deliciously flavored flesh. An easy to grow hardy tree.

RED ROME BEAUTY—An improved all red Rome Beauty. Early bearer and sure cropper. Fruit has a firm fine texture, and is sweet, crisp and juicy. Keeps all winter. An excellent cooking and baking apple.

IMPORTANT INFORMATION

We have been growing trees and plants continuously for sixty-five (65) years, since 1890.

We invite your comparison of our prices, grades and quality. The dwarf and standard trees quoted herein are **nursery field grown**, not housegrafts. Trees are larger and older than most of the dwarf trees on the market today.

You pay **only** the listed price for Carlton Trees. We pack your order absolutely free, and we pay all the shipping charges.

Planting instructions are included with every order, and trees come to you properly pruned for planting.

Orders are accepted any season of the year, and delivery is made at the proper season for **your** locality.

We guarantee every tree or shrub we ship out to be free from disease, true-to-name, and to arrive in growing condition. If for any reason, you are not satisfied that you have received 100 cents value for every dollar sent us, we will refund your money.

We can ship to any state in the United States.

Reference: Forest Grove National Bank.



Dwarf Apple Tree-One Year After Planting



Genuine DWARF PEAR TREES

Prices on page 2—Available in two year grades only.

BARTLETT—First to ripen and best flavored. Most popular of all pears for eating fresh and for canning. Trees bear enormous crops of large, fine-grained yellow fruit, which is juicy and sweet.

MAX RED BARTLETT (Plant Pat. No. 741)—Add 25c per tree Royalty. This new pear from the Northwest is as tempting as it is beautiful. It is of Bartlett parentage, but with an attractive red skin. Firm, flavorful, fine-grained flesh has 10% more natural sugar by actual test.

(Our dwarf Pear trees are **Double Budded**, which is your assurance for a permanent producing tree).

Genuine DWARF PLUM and PRUNE TREES

Prices on page 2—
Available in two largest sizes only.

EARLY ITALIAN PRUNE—A new early form of the popular Italian or Fellenberg. The fruit is of large size, oval in shape and dark purple color. Flesh is juicy, sweet and delicious. Wonderful for eating fresh, for canning or for drying. Trees thrive under almost all conditions.

SANTA ROSA PLUM—One of the leading shipping plums of the West. Large purplish crimson fruit, rich yellow flesh with a very pleasant tart flavor. An excellent early all-purpose plum.

SATSUMA—A large, round, dark red plum. Firm, sweet, red flesh, deliciously flavored. Trees are vigorous and productive.

Genuine DWARF PEACH TREES

Prices on page 2-

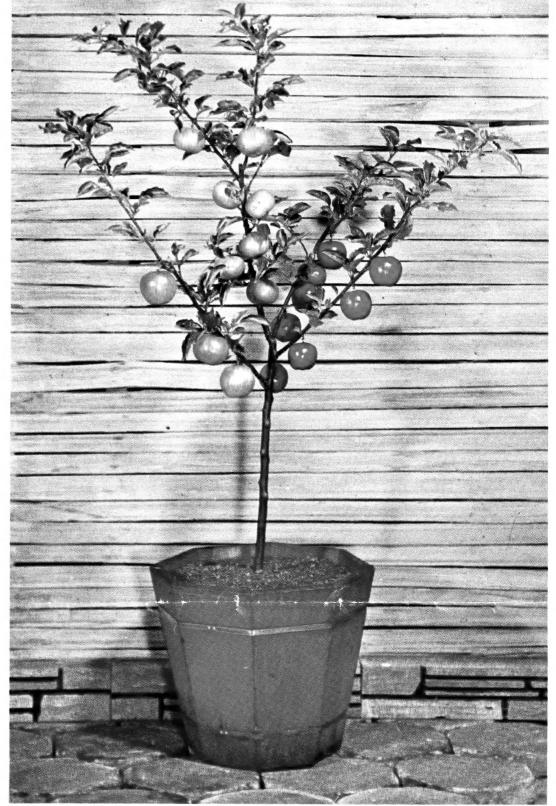
Available in two largest sizes only.

ROCHESTER—A firm richly fragrant peach, deliciously flavored. Heavy producing rich yellow freestone of good size and very sweet. Rochester fruit requires only half the usual amount of sugar for canning.

RED HAVEN—Early yellow freestone. Bears heavy crops of smooth, almost fuzzless peaches. Fruit is brilliant red with yellow background. Flesh is fine grained, juicy and flavorful. A fine hardy variety.

WESTERN PRIDE—This wonderful peach is of our own origination. Fruit is of large size, highly colored, yellow with generous portions tinged deep red. Flesh is golden yellow, firm, deliciously flavored. A freestone and consistent producer. An excellent canning peach, ripens following Rochester.

GIANT ELBERTA—A very hardy, fast growing, and prolific tree. Fruit is larger than Elberta and earlier. Deep yellow overlaid with brilliant red, perfectly freestone, flesh firm and finely textured.



3-Year-Old Dwarf Combination Apple Tree—For Full-Grown Size See Front Cover

GENUINE DWARF COMBINATION APPLE TREES

Select 3 year old Branched Trees—Shipped Postpaid.

Four (4) Varieties on One Tree— \$7.95 each; 2 for \$14.95

No. 1 Includes: Early Yellow Transparent, Summer Gravenstein, Fall King and winter keeping Yellow Delicious.

No. 2 Includes: Early Red Gravenstein, Fall

Red McIntosh, winter keeping Red Delicious, and late keeping Red Northern Spy.

Three (3) Varieties on One Tree—

\$6.45 each; 2 for \$11.95

No. 3 Includes: Yellow Transparent, Red Gravenstein and King.

GENUINE DWARF COMBINATION PEAR TREES

Select 3 year old Branched Trees—Shipped Postpaid.

Four (4) Varieties on One Tree-

\$7.95 each; 2 for \$14.95

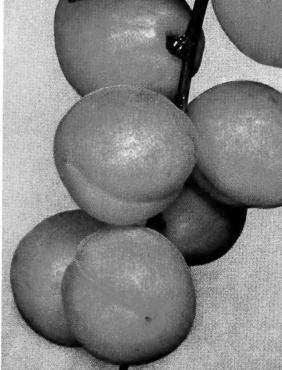
Includes: The Popular Summer Bartlett, Improved Max All Red Bartlett, Large reddish-brown Fall

Flemish Beauty, and the beautiful rich and vinous flavored Beurre D'Anjou for Winter.

(Our Dwarf Pear trees are DOUBLE BUDDED and make Strong Permanent Unions)





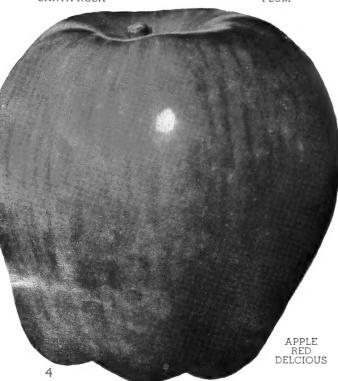


PEACH GIANT

IES APRICOTS







Carlton's Outstanding Combination Fruit Trees

(Regular size trees—Not Dwarfs)

Tree lovers will find a never ending source of interest in growing these "Combination Trees". A single tree with three or four varieties of fruit ripening over a long season, will produce fruit for every occasion. The "Combination" tree is very ornamental too, with its display of contrasting colors, shapes and sizes of flower and fruit. An ideal shade tree for the small yard.

Note: All the Combination Fruit Trees listed on this page are three (3) years old, diameter 11/16 inch and up, and 6 to 8 feet tall. All trees are pruned ready for planting and are shipped **POSTPAID.**

COMBINATION APPLE—Three Varieties on One Tree \$3.95 each; 3 or more \$3.65 each

Includes 1: Yellow Transparent, Gravenstein, King and Yellow Delicious (Select 3 Only)

Or 2: Red June, Red Gravenstein, Red Mc-Intosh and Red Delicious (Select 3 Only)

COMBINATION PEAR—Four Varieties on One Tree \$5.95 each; 3 or more \$5.45 each

Includes: Bartlett, Max Red Bartlett, Flemish Beauty and Buerre D'Anjou.

(Select 3 of the 4 Varieties for-

\$4.95 each; 3 trees for \$4.45 each)

COMBINATION CHERRY—Four Varieties on one Tree— \$5.95 each; 3 or more \$5.45 each

Includes: Royal Anne, pink; Bing, Early Black; Lambert, late black; Van or Black Tartarian, Black Pollenizer.

(Select 3 of the 4 Varieties for-

\$4.95 each; 3 trees for \$4.45 each)

COMBINATION PRUNE-PLUM — Three Varieties on One Tree—

\$4.95 each; 3 or more \$4.45 each

Includes: 1. Plumcot, Santa Rosa, Climax and Duarte Plum (Select 3 only)

Or 2. Peach Plum, Yellow Egg Plum, Date Prune and Italian Prune (Select 3 only)

Or 3. Peach Plum, Yellow Egg Plum, and Early or Late Italian Prune (Select 3 only)

COMBINATION PEACH—Four Varieties on One Tree—

\$5.95 each; 3 or more \$5.45 each

Includes: 1. Rochester, Red Haven, Western Pride and Veteran.

Or 2. Red Haven, Western Pride, Hale Haven and Giant Elberta.

(Select 3 of 4 listed above for-

\$4.95 each; 3 or more trees for \$4.45 each)

Please note that when selecting three of four varieties listed, we can not guarantee to supply that exact combination, but we will select the nearest combination to those specified on your order.

Fruit Salad Trees

We did something!!! And now, for the first time you can plant one tree in a small corner of your yard and harvest not one fruit but FOUR completely different soft fruits. An Apricot, a Nectarine, a Peach and a Plum—all from the same tree. Yes, full large size, delicious fresh fruit from a single tree in your very own back yard. The Fruit Salad tree is not a dwarf, however it is a relatively small tree, and it produces at an early age.

The "Fruit Salad" Tree Includes:

- 1. An **Apex Plumcot**—An early plum of medium to large size with a brisk flavor. The branches are loaded with beautiful light crimson fruit.
- 2. **Perfection Apricot**—A very large, highly colored apricot, with a firm juicy flesh and a pleasant sweet flavor. Delicious canned with pineapple.
- 3. **Boston Nectarine**—A peach and plum cross. Deep yellow fruit overlaid with a bright blush and deep red mottlings. Very sweet white flesh.
- 4. Giant Elberta Peach—A deep yellow peach overlaid with brilliant red, firm finely textured flesh and perfectly freestone. Or **Red Haven Peach.** Early, brilliant red color with a creamy yellow background. Firm, rich and delightfully fragrant flesh.

Select 3 Year Old Branched Trees-

Shipped POSTPAID to any State in U.S.A.

Three Varieties on One Tree—

\$8.95 each; 2 for \$15.95

(Please select **Three Only** of the four fruits listed above) (Supply limited)

Four Varieties on One Tree-

\$11.95; 2 for \$19.95

(Please give your choice of Peach) (Supply very limited)





EVERGREEN AZALEAS

NEW BERRIES

NECTARBERRY—If you are interested in a tasty berry that is different we suggest you try this one. Similar in size to the Boysen, it possesses the tang of the Youngberry but less acid and when ripe the dark wine colored, almost black berries can't be beat when served with cream. Almost seedless. Delicious for pies, jams and jellies. Two Year Transplants—

Only 75c each: 3 for \$1.75 POSTPAID

CASCADE BLACKBERRY—This berry is a cross between the ever-popular loganberry and the wild trailing blackberry, which is found in the Oregon Mountains. The berries are large, and they make more wonderful jelly and jam than any other berry. They are exceptionally good for pies. Two Year Old Transplants—Only 75c each: 3 for \$1.75 POSTFAID

THORNLESS CANBY RASPBERRY—This new introduction of large, red, firm berries is superior to any other variety that we know. It is a heavy bearer. The flavor is delicious and quality makes it excellent for freezing-

50c each; 3 for \$1.25 POSTPAID

SPECIAL OFFER: Shipped POSTPAID to any state. 3 Nectarberry, 3 Cascade Blackberry and 6 Canby Raspberry. Two Year Transplants-ONLY \$4.95 POSTPAID





Hardy EVERGREEN AZALEAS

The Evergreen azaleas are dwarf and very profuse bloomers. They are especially fine when planted in groups and for north, northeast or east exposures protected from the hot sun. The following varieties are hardy to 25 below zero.

PURPLE SPLENDOUR—This excellent variety has large deeply frilled flowers of a rich purple shade.

ROSEBUD—The flowers on this outstanding variety develop over an extended period of 2 to 3 weeks and are usually at their best for Mother's Day. The plants are covered with tightly furled miniature pink "roses".

LOUISE GABLE—This is the best of the Gables. A soft salmon-pink semidouble, late bloomer.

CAROLINE GABLE—A very showy hose in hose tyrian red flowering midseason bloomer.

TREASURE—The flowers are large and dazzling white. The plant is tall and vigorous. (Hardy only to zero).

BUCCANEER—Large brilliant orange-red with darker blotch. Grows to medium height and blooms midseason.

Two year plants, 8 to 10 inch size-

\$2.95 each: 3 or more \$2.75 each POSTPAID



These wonderful cultivated blueberry varieties bear fruit at a very early age, which is five times the size of the wild varieties. They bear big crops too, often six quarts to the bush, and bushes last a life time. Blueberry plants are decidedly ornamental at all seasons of the year. They delight in acid soil and abundant moisture. Plant two varieties

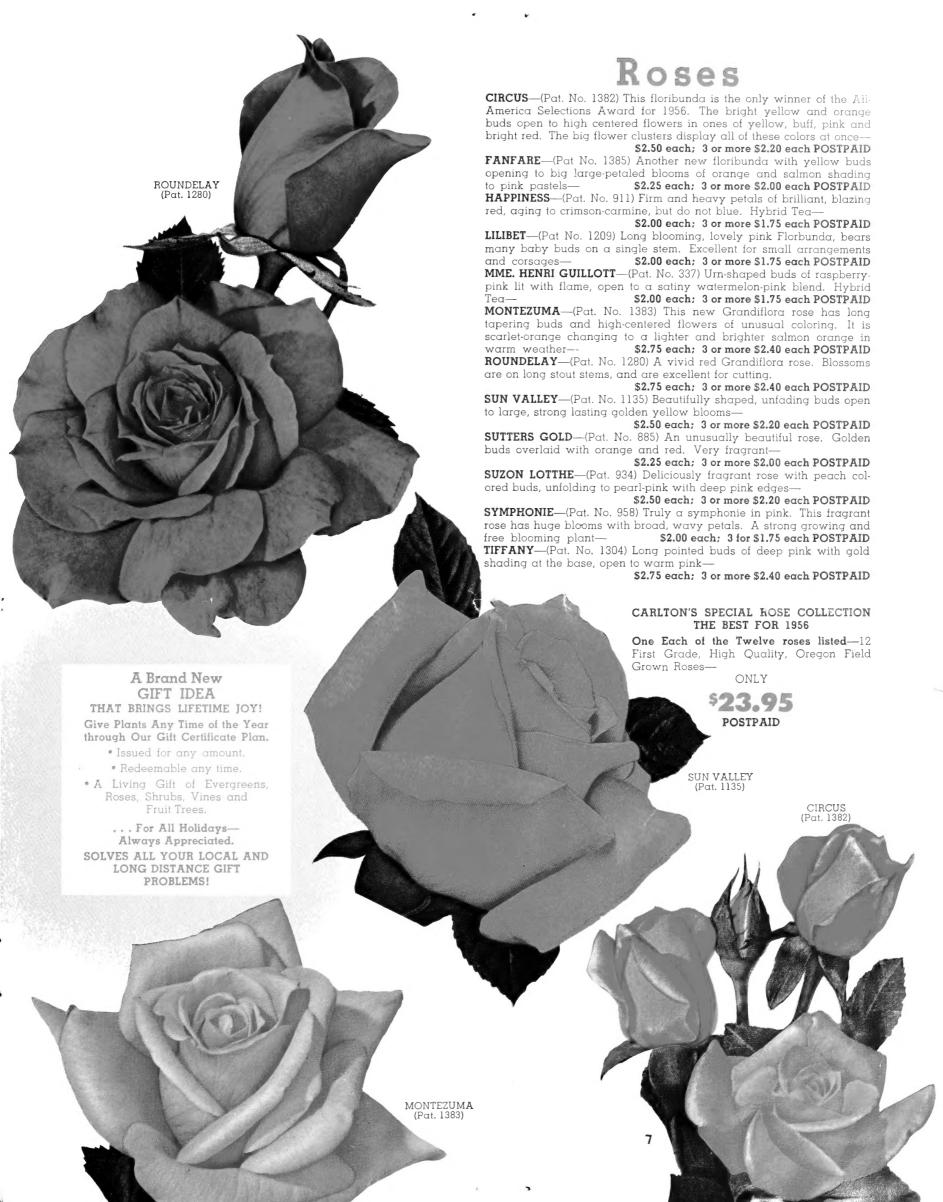
CONCORD—Early. Tall, vigorous, upright plants. Fruit large, light blue, attractive and excellent quality.

STANLEY—Mid-season. New superior variety now considered the best in its season of ripening. Plants are tall and vigorous, very productive. Fruit large, perfumed and most delicious in flavor.

JERSEY—Late. Bush grows tall, well shaped, vigorous and productive. Fruit is large, attractive, firm, quality best.

We suggest planting at least one plant of each variety to insure proper pollenization and a supply of berries over a long season.

Two Year Old, 9 to 12 inch Plants—\$1.35 each; 3 for \$3.45 POSTPAID Three Year Old, 12 to 18 inch Plants—\$2.25 each; 3 for \$5.95 POSTPAID





RHODODENDRON SAPPHO

Handsomest of all Broadleaved Evergreens

The wealth of dark green glossy foliage serves as a background to the numerous large clusters of gorgeous flowers which appear in the spring and early summer. Colors range in red, pink, white and purple in every shade

The Rhododendron varieties we list here are hardy on the Pacific Coast, through the Southern half of the United States, and as far North as Southern New England and Southern New York. However with ideal care they may do well in colder areas.

Plant in well-drained acid soil in semi-shady location.

BLUE PETER—Large bud, tidy trusses of lavender-blue flowers touched with purple on the upper petals. Excellent foliage. Spreading habit of growth.

LORD ROBERTS—One of the finest really dark red Rhododendrons. Medium sized trusses in abundance on compact plants. Good foliage.

MARS—Beautiful compact trusses of deep true red blooms. Large, deep green foliage—compact habit of growth.

PINK PEARL—Large trusses of delicate shell-pink fading to blush. Strong grower, excellent dark green foliage, one of the best.

PURPLE SPLENDOUR—A rich deep royal purple with a black blotch. The finest of this color in existence. Very dark green foliage.

SAPPHO—An unusually beautiful white Rhododendron accented with a purple blotch.

TRILBY—Scarlet crimson with dark blotch, blooming in the early summer. Two Year Plants—9 to 12 inch size-

\$3.95 each: 3 or more \$3.65 each POSTPAID

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